

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S12 3	4	S122 and (M near "0")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 13:45
S12 2	11	(US-20030035469-\$ or US-20030210667-\$ or US-20040013213-\$ or US-20050047491-\$ or US-20050047490-\$).did. or (US-6363107-\$ or US-5623511-\$ or US-6608859-\$ or US-6680967-\$ or US-6661857-\$ or US-6901104-\$).did.	US-PGPUB; USPAT	OR	ON	2006/11/16 13:44
S12 1	29	S115 S116 S117 S118 S119 S120	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 23:37
S12 0	24611721	@ad<"20030828"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 23:37
S28	24611721	@ad<"20030828"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 23:37
S11 9	3322	(channel adj impulse adj response)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 23:36
S11 8	16495	autocorrelation (auto adj correlation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 23:36

## EAST Search History

S11 7	25070	barker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 23:36
S11 6	1710574	filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 23:36
S11 5	514006	correlat\$4 (match\$2 adj filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 23:36
S11 4	514006	correlat\$4 (match\$2 adj filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 23:36
S11 3	1710574	filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 23:36
S11 2	25070	barker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 23:36
S11 1	16495	autocorrelation (auto adj correlation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 23:36
S11 0	3322	(channel adj impulse adj response)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 23:36

## EAST Search History

S10 3	16495	autocorrelation (auto adj correlation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 23:19
S10 8	15	S107 and S106	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 23:18
S10 9	0	("2004/0052306").URPN.	USPAT	OR	ON	2006/11/10 19:17
S10 7	44	S103 same S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 19:16
S10 6	74	S104 and S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 19:16
S10 5	24611721	@ad<"20030828"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 19:15
S10 4	84	(impulse near response) and S102 and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 19:15
S10 2	303	correlat\$4 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 19:15
S96	24611721	@ad<"20030828"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 19:15

## EAST Search History

S95	75	barker and correlat\$4 and ((impulse near response) with channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 19:15
S94	16495	autocorrelation (auto adj correlation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 19:15
S10 1	598	filter\$4 same barker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 19:14
S10 0	18	S99 S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 19:14
S99	177	S94 with barker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:27
S98	44	S94 and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:24
S97	67	S95 and S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 15:24
S93	67	S91 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 15:24

## EAST Search History

S92	24611721	@ad<"20030828"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 13:17
S91	75	barker and correlat\$4 and ((impulse near response) with channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 13:17
S35	24611721	@ad<"20030828"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 13:17
S90	2	("6661857").URPN.	USPAT	OR	ON	2006/11/10 13:09
S89	1	S86 S87 S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 10:18
S88	432	(nelson near george).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 10:18
S87	22	(baldwin near keith).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 10:18
S86	90	(webster near mark).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 10:18
S85	11	"005442"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 10:18

## EAST Search History

S84	0	2002/005442	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 10:17
S83	0	2002/05442	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 10:17
S82	0	intersil.in. and (channel adj estimat\$4) and barker and code	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 10:17
S81	0	harris.in. and (channel adj estimat\$4) and barker and code	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 10:17
S75	0	harris.as. and (channel adj estimat\$4) and barker and code	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 10:14
S80	20	(w-lan wlan) and (channel adj estimat\$4) and barker and (impulse adj response)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 10:13
S78	13634	S76 and w-lan wlan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 10:12
S79	2	S76 and (w-lan wlan)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 10:11

## EAST Search History

S77	0	barker and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 10:11
S76	22	harris.as. and (channel adj estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 10:11
S74	50	"11" near barker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 09:32
S73	55	spread S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/10 09:32
S72	145	S70 S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 18:22
S71	29574	impulse adj response	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 18:22
S70	300	S60 S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 18:22
S69	300	S65 S66 S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 18:20

## EAST Search History

S68	514006	(match\$2 adj filter) correlat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 18:19
S67	7704	(match\$2 adj filter) correlat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 18:19
S66	24611721	@ad<"20030828"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 18:19
S65	386	filter with (autocorrelation (auto adj correlation)) with (code sequence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 18:18
S64	0	filter with (autocorrelation (auto adj correlation)) with (code sequence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 18:18
S63	18	filter with S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 18:18
S62	753	length near "2L"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 18:15
S61	59	S59 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 18:05

## EAST Search History

S60	24611721	@ad<"20030828"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB.	AND	ON	2006/11/09 18:00
S59	66	filter\$4 with length with (code sequence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/11/09 17:59
S58	5	super code\$1 sequence	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/11/09 16:48
S57	4	S55 and (length with (code sequence))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 16:47
S32	372	filter\$4 same (length with (code sequence))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 16:42
S56	2	S55 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 16:41
S55	36	(zhang near haitao).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 16:41
S54	15	S53 and ((impulse near response) same filter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 16:41

## EAST Search History

S33	7749	correlat\$4 and ((impulse near response) same filter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 16:24
S53	120	S51 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 16:23
S52	0	S49 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 16:23
S51	139	(filter\$4 correlat\$4) same (length with (code sequence))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 16:23
S50	0	S32 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 16:22
S49	41	S48 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 16:22
S48	42	("5623511").URPN.	USPAT	OR	ON	2006/11/09 16:22
S47	0	("2005/0047490").URPN.	USPAT	OR	ON	2006/11/09 16:16
S46	0	("2005/0047491").URPN.	USPAT	OR	ON	2006/11/09 16:16
S45	34	S42 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 16:15

## EAST Search History

S44	1337	sidelobe (side adj lobe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 16:15
S30	1337	sidelobe (side adj lobe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 16:15
S43	18	S42 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 16:11
S42	11057	S37 S38 S39 S40 S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 16:11
S41	4861	375/134,137,142,143,145,149,150, 152,343,350.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 16:11
S40	724	708/5,422,813.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 16:11
S24	4861	375/134,137,142,143,145,149,150, 152,343,350.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 16:11
S39	667	324/76.33,378.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 16:10

## EAST Search History

S38	102	702/71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 16:09
S37	5395	370/335,320,342.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 16:08
S36	63	S34 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 16:06
S34	79	S32 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 16:03
S2	7652	correlat\$4 and (impulse near response) and filter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 16:03
S31	4	S29 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 16:02
S29	51	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 14:37
S27	61	S24 S25 S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/09 14:28